Cellular Telephone - Preparation

From November 2004

Notes:

Information for

- Relay and fuse arrangements
- Connector arrangements
- Control Modules and Relays
- Ground connections

⇒ Component Locations!

Information for

- Troubleshooting Procedures

⇒ Guided Fault Finding using VAS 5051/5052

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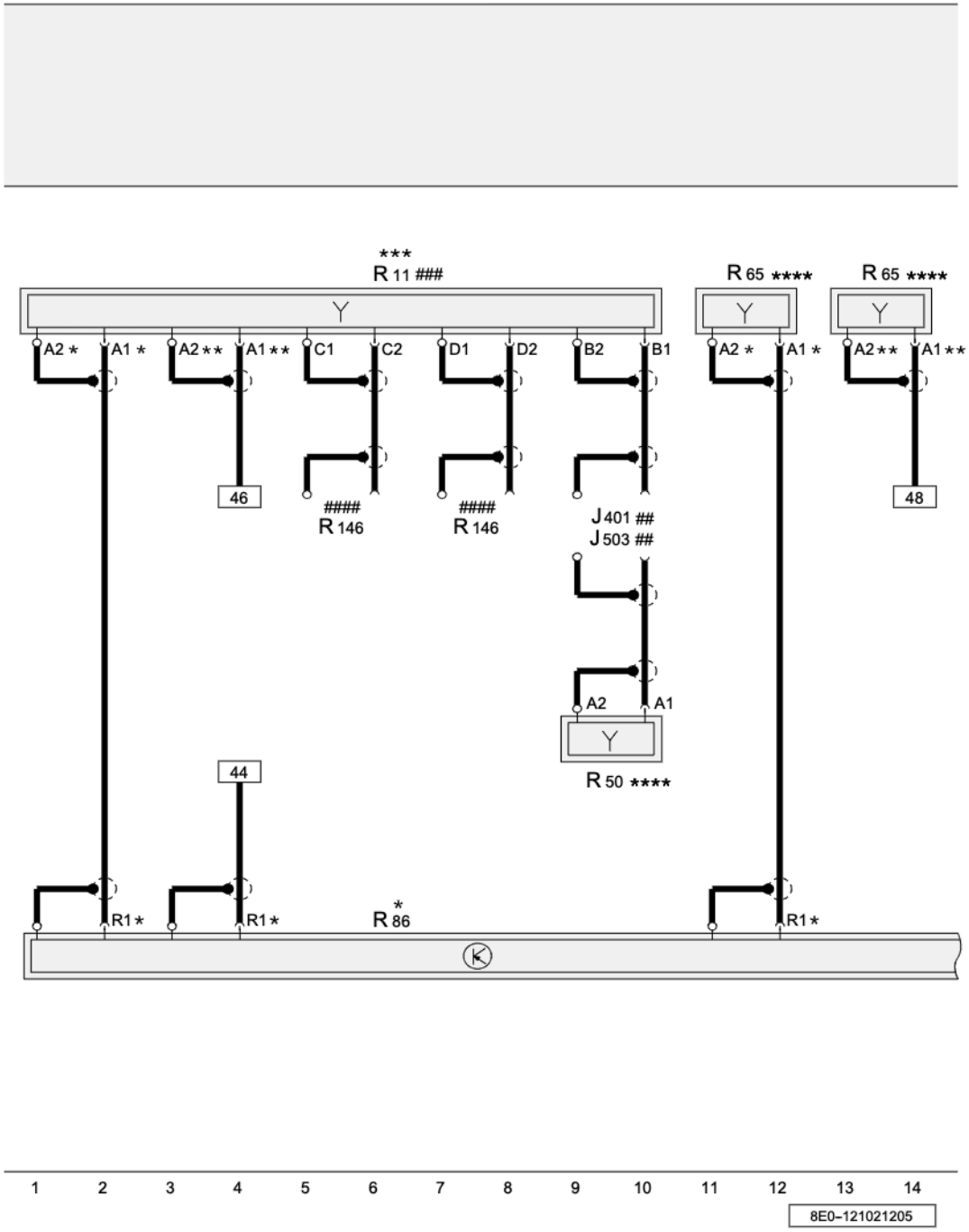

Antenna

J401	Navigation System with CD Drive Control Module
J503	Radio/Navigation Display Control Module
R11	Antenna
R50	Navigation System Antenna
R65	Telephone Antenna
R86	Telephone Amplifier
R146	Satellite Radio
*	with Telephone Amplifier only
**	without Telephone Amplifier only
***	Roof Antenna
****	Rear Window Antenna for Sedan, discontinued from 2006 m.y.
##	with Navigation system only
###	for sedan only, applicable from 2006 m. y.
####	with Satellite Radio only

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gn	=	green
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li	=	lilac
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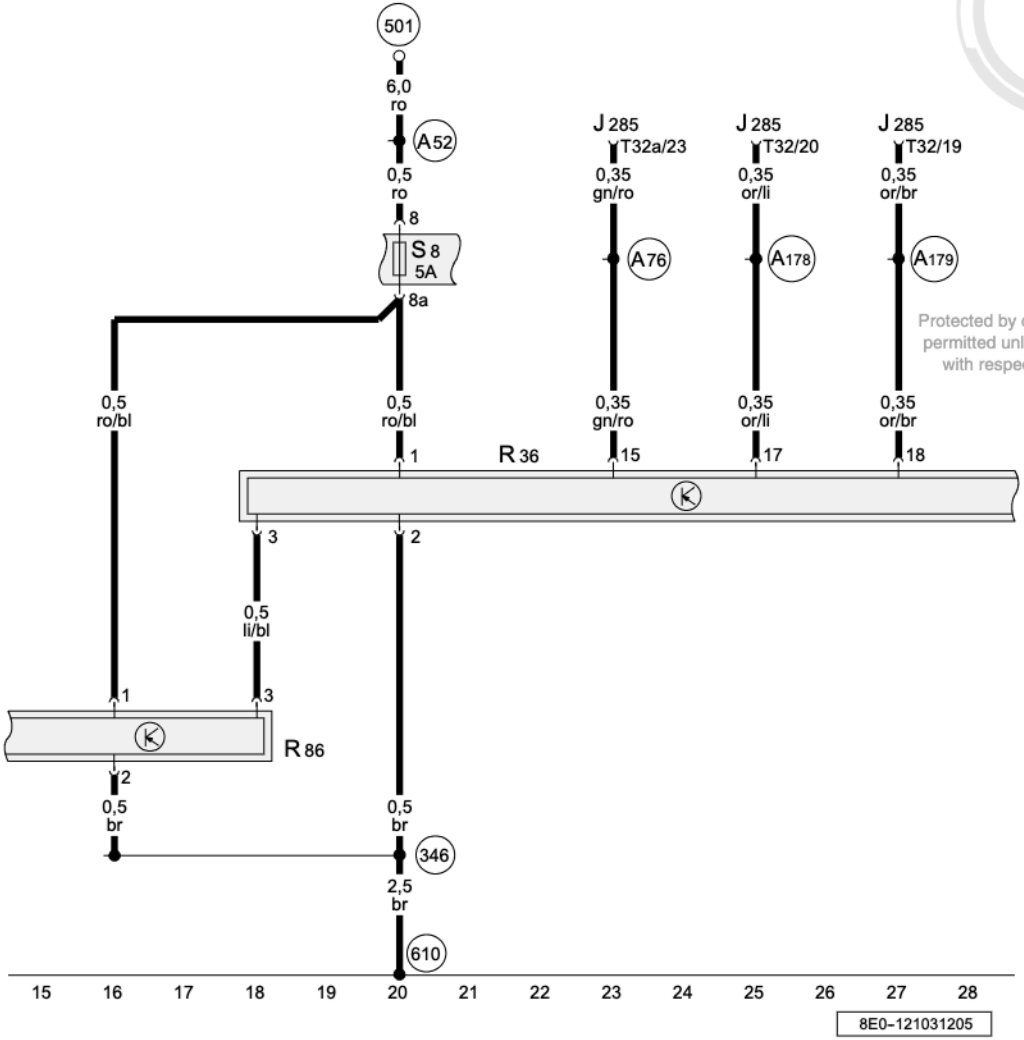
or	=	orange
rs	=	pink

Telephone Transceiver, Fuse

J285	Instrument Cluster Control Module
R36	Telephone Transceiver
R86	Telephone Amplifier
S8	Fuse (on fuse/relay panel)
T32	32-Pin Connector, blue, on instrument panel insert
T32a	32-Pin Connector, green, on instrument panel insert
346	Audio Ground Connection (in instrument panel wiring harness)
501	Threaded Connection 2 - terminal 30 (on relay panel)
610	Ground Connection (Audio) (under center console, front)
A52	Plus Connection 2 (30) (in instrument panel wiring harness)
A76	K-Diagnosis Wire Connection (in instrument panel wiring harness)
A178	Infotainment High-Bus Connection (in instrument panel wiring harness)
A179	Infotainment Lo-bus Connection (in instrument panel wiring harness)



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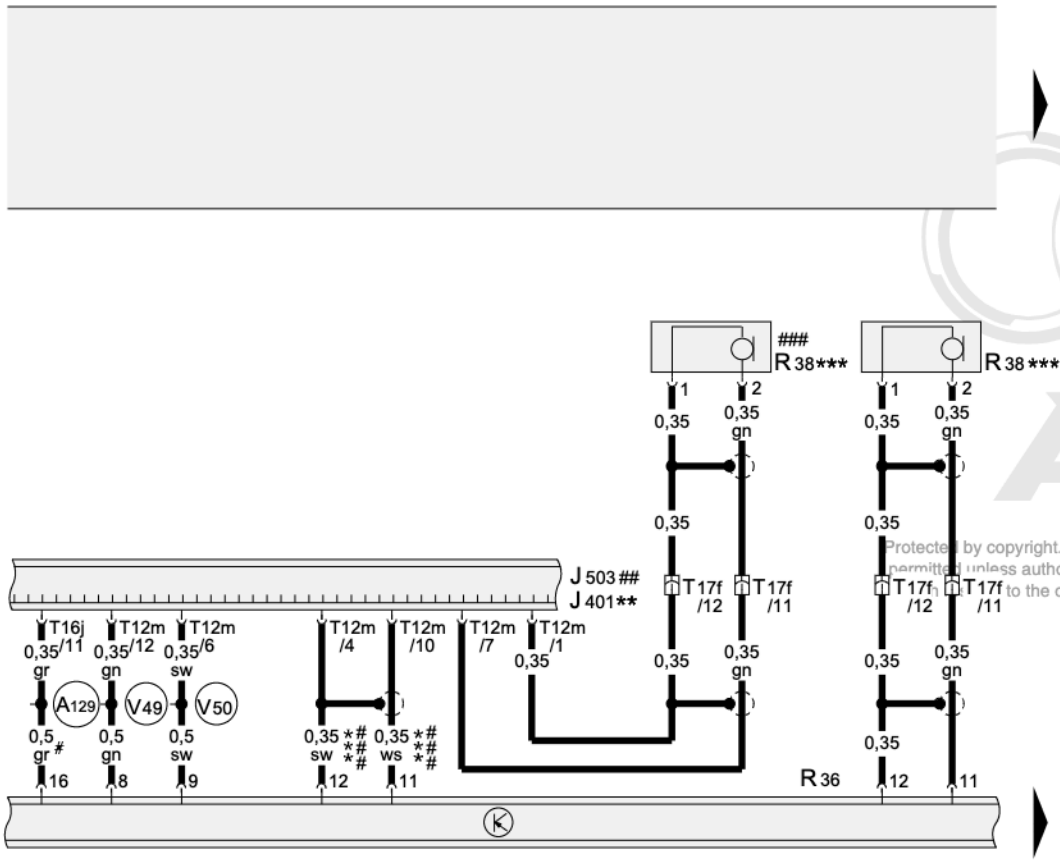

29 30 31 32 33 34 35 36 37 38 39 40 41 42

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Telephone Microphone, Navigation Systems

J401	Navigation System with CD Drive Control Module
J503	Radio/Navigation Display Control Module
R36	Telephone Transceiver
R38	Telephone Microphone
T12m	12-Pin Connector, green, Connector C
T16j	16-Pin Connector, black, Connector D
T17f	17-Pin Connector, orange, connector station A-pillar, left
A129	Mute Connection (in instrument panel wiring harness)
V49	Low Frequency + Connection (in communication wiring harness)
V50	Low Frequency - Connection (in communication wiring harness)
**	with Navigation system RNS-E only
***	with telephone only (with voice operation system)
****	with telephone only (without voice operation system)
#	discontinued from 2006 m. y.
##	with Navigation system RNS-Low only
###	without Navigation system RNS-Low only

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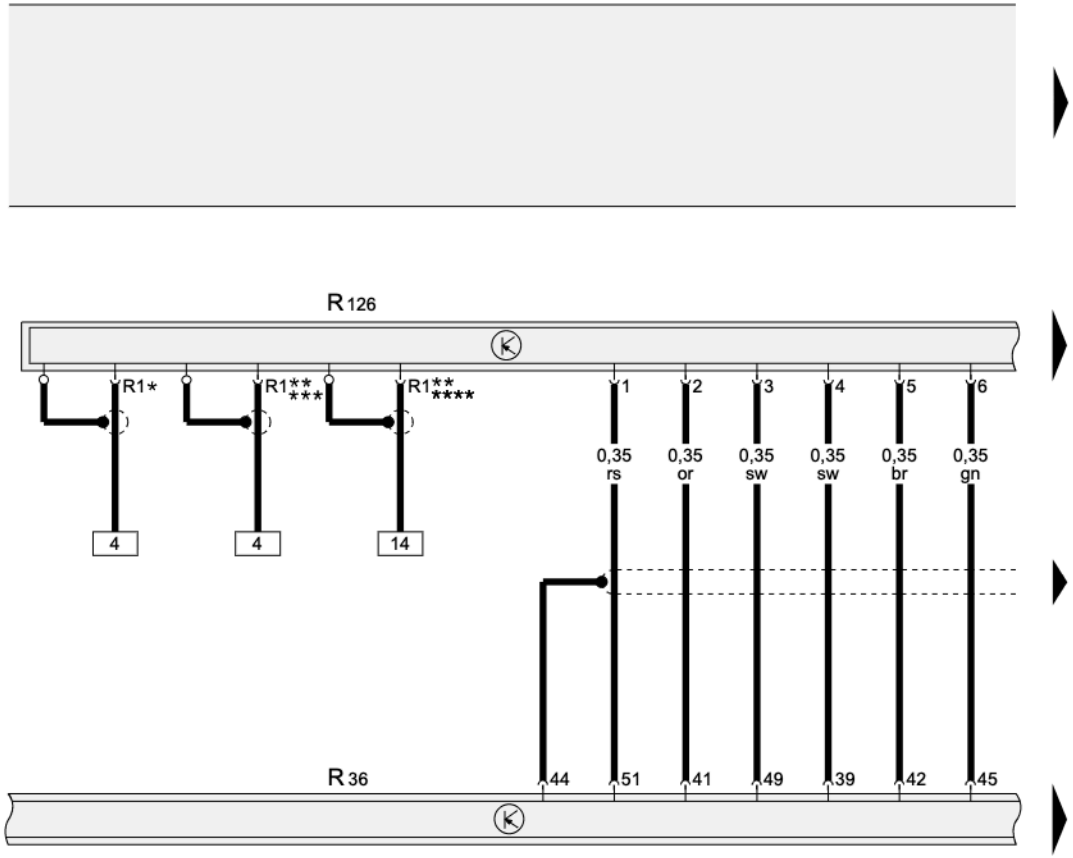

Telephone Baseplate

R36	Telephone Transceiver
R126	Telephone Baseplate
*	with Telephone Amplifier only
**	without Telephone Amplifier only
***	with Roof Antenna only
****	Rear Window Antenna

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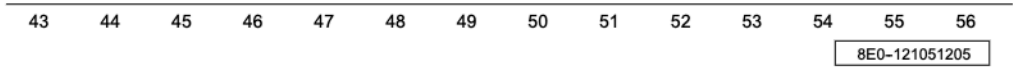

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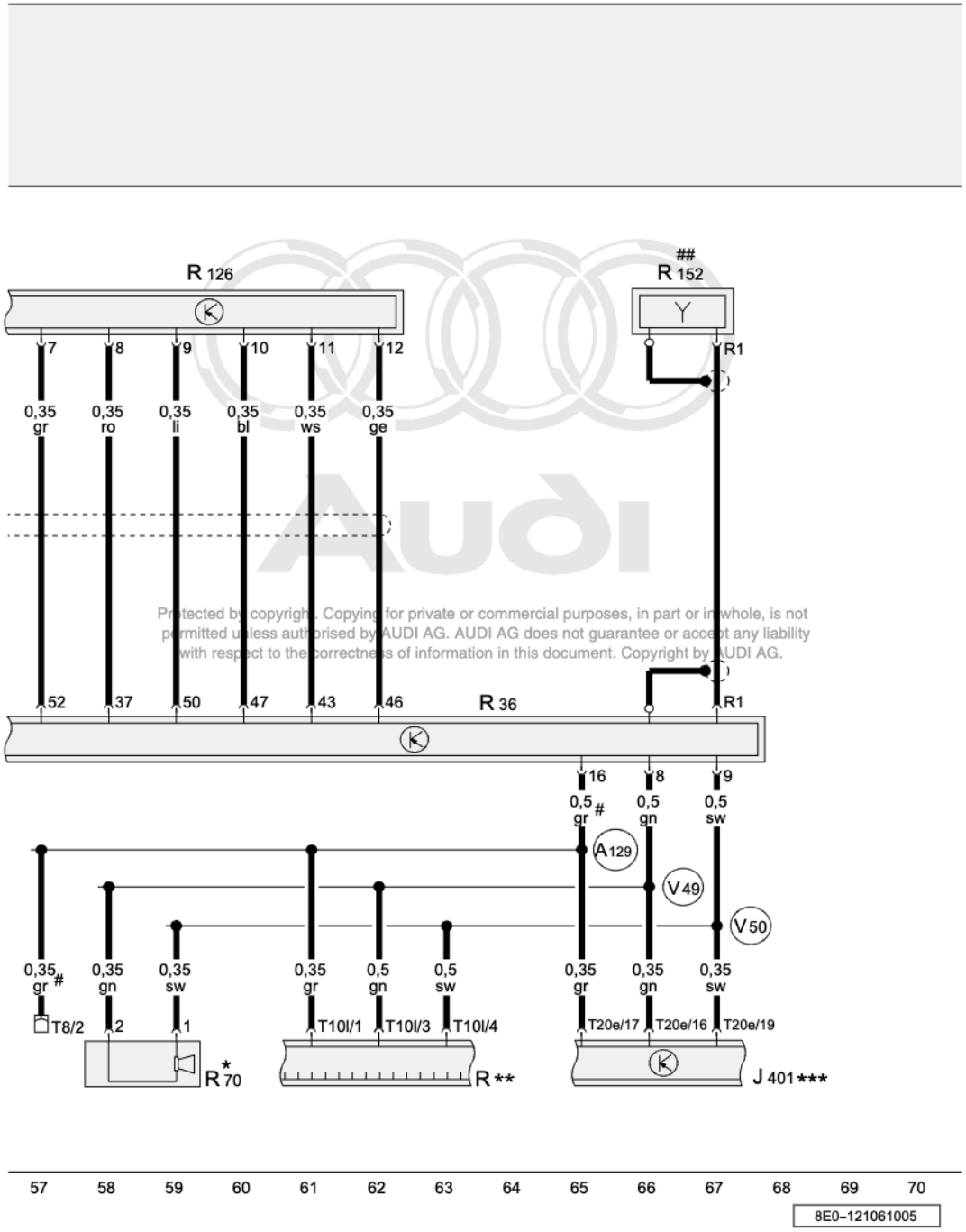

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Bluetooth Antenna, Radio

J401	Navigation System with CD Drive Control Module
R	Radio
R36	Telephone Transceiver
R70	Inside Loudspeaker
R126	Telephone Baseplate
R152	Bluetooth Antenna
T8	8-Pin Connector, black, radio connector III
T10l	10-Pin Connector, red, radio connector IV
T20e	12-Pin Connector, brown, on control module for parking aid
A129	Mute Connection (in instrument panel wiring harness)
V49	Low Frequency + Connection (in communication wiring harness)
V50	Low Frequency - Connection (in communication wiring harness)
*	without Radio or Navigation system only
**	with Radio only
***	with Navigation system NS-Low only
#	with radio preparation only, discontinued from 2006 m.y.
##	with Bluetooth only

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